

Converting Colors

YUV(240.4980, -12.0775,
0.4403)

Have a look what the booklet for
YUV(240.4980, -12.0775, 0.4403)
contains.

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Color

**YUV(240.4980, -12.0775,
0.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F5D8
RGB	241, 245, 216
RGB Percent	95%, 96%, 85%
CMY	0.0549, 0.0392, 0.1529
CMYK	0.02, 0.00, 0.12, 0.04
HSL	68°, 59%, 90%
HSV	68°, 12%, 96%
XYZ	81.3227, 88.9635, 77.8512
YIQ	240.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

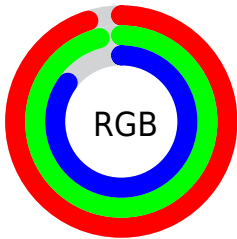
Format	Color
R_{YB}	216, 245, 220
Decimal	15857112
CIE _{Lab}	95.57, -6.21, 13.51
CIE _{LCh}	96, 14.873, 114.685
Y _{xy}	88.9635, 0.3277, 0.3585
Android (android.graphics.Color)	4294047192 (0xFFFF1F5D8)
YUV	240.4980, -12.0775, 0.4403
Hunter-Lab	94.3204, -11.1588, 17.0869

Details

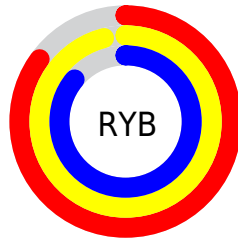
The YUV color $240.4980, -12.0775, 0.4403$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $220.5020, 12.0775, -0.4403$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.6120, -11.6407, 0.3403$ is the 20% darker color. If you saturate the color by 10%, you get $236.8650, -22.1184, 0.9954$, and if you desaturate by 10%, it is $244.2450, -1.5998, -0.2149$.

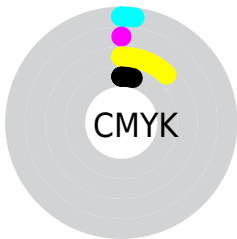
Distribution



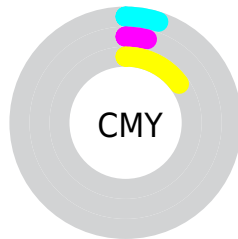
- Red (95%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.4980, -12.0775, 0.4403 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 240.4980, -12.0775, 0.4403 by changing the saturation by 10% instead.

■ 240.4980,
-12.0775, 0.4403

■ 240.4980,
-12.0775, 0.4403

255.0000, 0.0000,
0.0000

■ 212.4980,
-12.0775, 0.4403

■ 184.6120,
-11.6407, 0.3403

■ 157.7260,
-11.2039, 0.2403

■ 131.8400,
-10.7671, 0.1403

■ 105.9540,
-10.3303, 0.0403

■ 82.0680, -9.8935,
-0.0596

■ 59.1820, -9.4567,

-0.1596

■ 37.2960, -9.0199,
-0.2596

■ 16.8120, -8.2883,
-1.5891

■ 240.4980,
-12.0775, 0.4403

■ 240.4980,
-12.0775, 0.4403

■ 236.8650,
-22.1184, 0.9954

■ 244.2450, -1.5998,
-0.2149

■ 232.8190,
-32.4488, 1.0357

■ 247.0370, 3.9258,
0.8446

■ 229.1860,
-42.4897, 1.5909

■ 247.9340, 3.4835,
2.6889

■ 225.1400,
-52.8200, 1.6312

■ 249.1300, 2.8939,
5.1480

■ 221.5070,
-62.8610, 2.1864

■ 217.7600,
-73.3387, 2.8415

■ 213.7140,
-83.6690, 2.8818

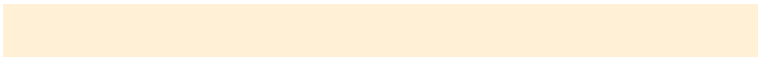
■ 210.0810,
-93.7099, 3.4370

■ 206.9040,
-102.0037, 3.5922

Harmonies

Analogous

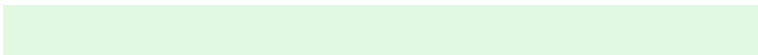
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5210, -13.5679, 11.8211



240.4980, -12.0775, 0.4403



239.0880, -6.9454, -12.3552

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.4980, -12.0775, 0.4403



237.7350, 8.5116, -23.4466



240.9460, 1.9986, 12.3254

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240.4980, -12.0775, 0.4403



220.5020, 12.0775, -0.4403

Split Complementary

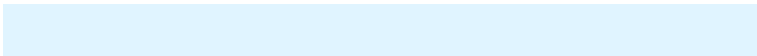
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.7878, 10.2960



240.4980, -12.0775, 0.4403



239.2740, 7.7529, -13.3953

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



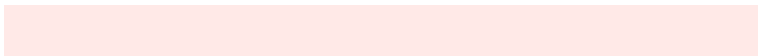
240.4980, -12.0775, 0.4403



237.8870, 7.9437, -27.9649



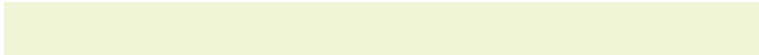
241.7210, 6.5465, 0.2447



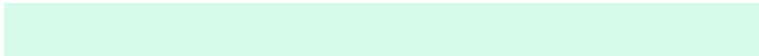
239.3500, -4.1165, 13.7251

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.4980, -12.0775, 0.4403



237.7110, -1.8295, -19.9175



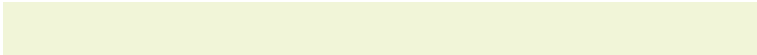
241.7210, 6.5465, 0.2447



241.5160, 4.1826, 11.8255

Sweetspot

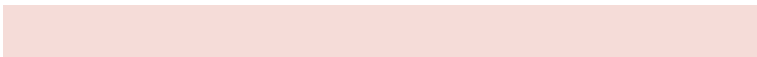
The Sweet Spot groups the original color and five complimentary colors.



240.4980, -12.0775, 0.4403



253.5610, -4.2206, 0.3850



227.0190, -5.4324, 15.7693



126.9030, -2.9102, 0.0851



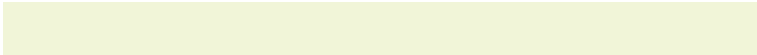
0.0000, 0.0000, 0.0000



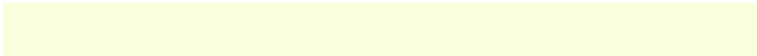
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.4980, -12.0775, 0.4403



249.4010, -14.9877, 0.5253



236.3120, -10.0138, -8.1666



120.3330, -5.0942, 0.5850



157.0220, -77.4118, 2.6117



49.8820, -24.5918, 0.9805

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



220.5020, 12.0775, -0.4403



224.5990, 14.9877, -0.5253



224.6880, 10.0138, 8.1666



111.9660, 4.9468, 0.0298



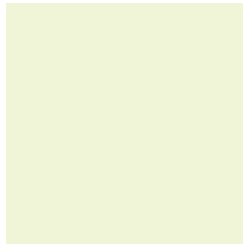
28.9780, 77.4118, -2.6117



9.1180, 24.5918, -0.9805

Previews

White Background



This preview shows how the YUV color 240.4980, -12.0775, 0.4403 looks on a white background.

Color Contrast Check

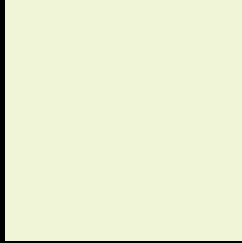
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 240.4980, -12.0775, 0.4403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

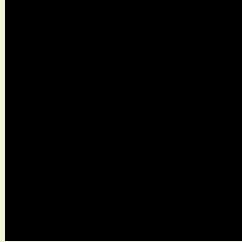
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

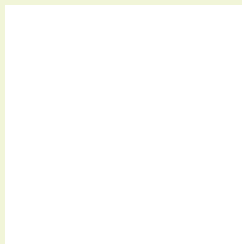
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.4980, -12.0775, 0.4403

Background



This preview shows how black text looks on a background with the YUV color 240.4980, -12.0775, 0.4403.



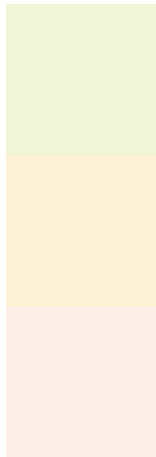
This preview shows how white text looks on a background with the YUV color 240.4980, -12.0775,

0.4403.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

**Original Color**

240.4980, -12.0775, 0.4403

Protanopia

241.5100, -13.5624, 10.0767

Deuteranopia

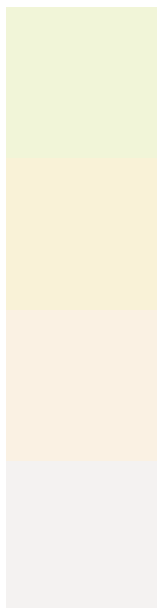
243.1000, -4.9793, 10.4363



Tritanopia

243.5040, 5.6675, 2.1890

Trichromacy



Original Color

240.4980, -12.0775, 0.4403

Protanomaly

241.0150, -12.8254, 7.0028

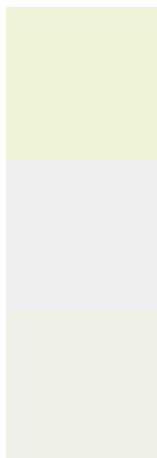
Deuteranomaly

242.0950, -7.4418, 6.9327

Tritanomaly

242.4840, -0.7316, 1.3295

Monochromacy



Original Color

240.4980, -12.0775, 0.4403

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.4980, -12.0775, 0.4403 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 245, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 245, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 216) }
```

Border

The CSS property to change the border of an element to YUV 240.4980, -12.0775, 0.4403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 245, 216) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 245, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 245, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 240.4980, -12.0775, 0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
245, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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